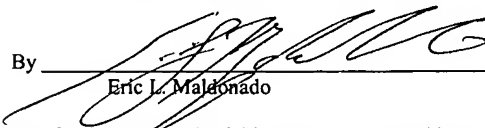




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Attorney Docket No. 100794-00179 (FUJO 19.424)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Inventor: Makoto YOSHIDA, et al.

Serial No.: 10/072,065

Filed: February 8, 2002

Title: **TRANSMITTER, RECEIVER AND TRANSMITTING....**

Examiner:

Art Unit:

April 12, 2002

Assistant Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

S I R:

In order to comply with discretionary rules 37 CFR §§1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of the documents listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

As this statement is being filed prior to issuance of a first Office Action, no fee is due.

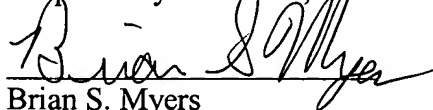
As some of these documents are written in a language other than English, English Language abstracts and translations are annexed thereto explaining their relevancy in accordance with 37 CFR §1.98(a)(3).

The present Information Disclosure Statement is being submitted in compliance with 37 §CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a) and 1.106 (b), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

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Respectfully submitted,



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1449/PTO	U.S. Department of Commerce Patent and Trademark Office	Application No. : 10/072,065
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <u>Sheet 1 of 1</u>		Filing Date : FEBRUARY 8, 2002
		First Named Inventor: M. YOSHIDA
		Group Art Unit :
		Examiner Name :
		Attorney Docket No. : FUJO 19.424

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U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document No. <sup>2</sup>	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		5,381,449		JASPER, et al.	01/10/1995	

FOREIGN DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		0 786 890	EP	SONY CORPORATION	07/30/1997	
		97/26743	WO	MOTOROLA LTD, et al.	07/24/1997	
		6-30069	JP	NEC CORP	02/04/1994	

### Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
		S.J SHEPHERD, et al.. "SIMPLE CODING SCHEME TO REDUCE PEAK FACTOR IN QPSK MULTICARRIER MODULATION" ELECTRONICS LETTERS, VOL.31, NO.14, pp.1131-1132, JULY 6, 1995 ✓	
		H. OCHIAI, et al.. "PERFORMANCE OF BLOCK CODES WITH PEAK POWER REDUCTION FOR INDOOR MULTICARRIER SYSTEMS" IEEE VEHICULAR TECHNOLOGY CONFERENCE, VOL. 48, NO.1, pp. 338-342, 1998 ✓	
		H. OCHIAI, et al. "FORWARD ERROR CORRECTION METHODS FOR ORTHOGONAL MULTICARRIER SIGNALS WITH DYNAMIC RANGE REDUCTION" PROCEEDINGS OF THE 1997 IEICE GENERAL CONFERENCE, B-5-121, p. 508 ✓	
		S. FRAGIACOMO, et al. "MULTICARRIER TRANSMISSION PEAK-TO-AVERAGE POWER REDUCTION USING SIMPLE BLOCK CODE" ELECTRONIC LETTERS VOL. 34 NO. 10, MAY 14, 1998, p. 953-954 ✓	
		A.E. JONES, et al., "BLOCK CODING SCHEME FOR REDUCTION OF PEAK TO MEAN ENVELOPE POWER RATIO OF MULTICARRIER TRANSMISSION SCHEMES" ELECTRONIC LETTERS, VOL. 30, NO. 25, DECEMBER 8, 1994, p.2098-2099 ✓	
Examiner Signature			Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1<sup>1</sup> if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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